

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	9589	heterodyn\$	US-PGPUB; USPAT	ADJ	ON	2006/01/13 08:28
L2	735764	interfer\$	US-PGPUB; USPAT	ADJ	ON	2006/01/13 08:28
L3	1078756	phase	US-PGPUB; USPAT	ADJ	ON	2006/01/13 08:04
L4	26422	frequency shift\$	US-PGPUB; USPAT	ADJ	ON	2006/01/13 08:29
L5	1459	1 and 2 and 3 and 4	US-PGPUB; USPAT	ADJ	ON	2006/01/13 08:18
L6	138	1 same 2 same 3 same 4	US-PGPUB; USPAT	ADJ	ON	2006/01/13 08:05
L7	43	6 and 356/484-490.ccls.	US-PGPUB; USPAT	ADJ	ON	2006/01/13 08:18
L8	44	6 and "356"/\$.ccls. not 7	US-PGPUB; USPAT	ADJ	ON	2006/01/13 08:10
L9	51	6 not (7 or 8)	US-PGPUB; USPAT	ADJ	ON	2006/01/13 08:10
L10	664	1 same 2 and 3 and 4	US-PGPUB; USPAT	ADJ	ON	2006/01/13 08:14
L11	526	10 not 6	US-PGPUB; USPAT	ADJ	ON	2006/01/13 08:14
L12	135	11 and 356/484-490.ccls.	US-PGPUB; USPAT	ADJ	ON	2006/01/13 08:17
L13	20562	wavefront or wave-front or wave front	US-PGPUB; USPAT	ADJ	ON	2006/01/13 08:29
L14	263	1 and 2 and 3 and 4 and 13	US-PGPUB; USPAT	ADJ	ON	2006/01/13 08:18
L15	179	14 not (6 or 12)	US-PGPUB; USPAT	ADJ	ON	2006/01/13 08:18
L16	5	15 and 356/484-490.ccls.	US-PGPUB; USPAT	ADJ	ON	2006/01/13 08:19
L17	66	15 and "356"/\$.ccls. not 16	US-PGPUB; USPAT	ADJ	ON	2006/01/13 08:22
L18	11	15 and "250"/\$.ccls. not (17 or 16)	US-PGPUB; USPAT	ADJ	ON	2006/01/13 08:23
L19	0	15 and "355"/\$.ccls. not (17 or 16 or 18)	US-PGPUB; USPAT	ADJ	ON	2006/01/13 08:23
L20	97	15 not (17 or 16 or 18)	US-PGPUB; USPAT	ADJ	ON	2006/01/13 08:25
L21	1007	5 not (6 or 12 or 14)	US-PGPUB; USPAT	ADJ	ON	2006/01/13 08:26
L22	32	21 and weapon	US-PGPUB; USPAT	ADJ	ON	2006/01/13 08:26

L23	1676	heterodyn\$	EPO; JPO; IBM_TDB	ADJ	ON	2006/01/13 08:28
L24	84362	interfer\$	EPO; JPO; IBM_TDB	ADJ	ON	2006/01/13 08:28
L25	302379	phase	EPO; JPO; IBM_TDB	ADJ	ON	2006/01/13 08:28
L26	2968	frequency shift\$	EPO; JPO; IBM_TDB	ADJ	ON	2006/01/13 08:29
L27	2684	wavefront or wave-front or wave front	EPO; JPO; IBM_TDB	ADJ	ON	2006/01/13 08:29
L28	22	23 and 24 and 25 and 26	EPO; JPO; IBM_TDB	ADJ	ON	2006/01/13 08:29

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O Sasaki, H Okazaki - 1986 - [ao.osa.org](#)

... 1. R. Crane, "Interference Phase Measurement," Appl. ... and DJ Brangaccio, "Digital Wavefront Measuring Interferometer ... Real-Time Digital Heterodyne Interferometry ...

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**Diode laser direct modulation heterodyne interferometer**

K Tatsuno, Y Tsunoda - Applied Optics, 1987 - [ao.osa.org](#)

... wave moves from the initial phase position ... As a result, the interference fringe pattern scans by ... In this diode laser heterodyne interferometer, the interference ...

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J Chen, Y Ishii, K Murata - 1988 - [ao.osa.org](#)

... optical system and for locating the interference fringes ... and Results Using this digital heterodyne interferometer, some ... As an another example, the phase step on ...

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**New common-path phase shifting interferometer using a polarization technique**

H Kadono, N Takai, T Asakura - Appl. Opt, 1987 - [ao.osa.org](#)

... also been reported for both heterodyne and phase ... subsection, we have outlined the phase shift- ing interferometer, in which the interference pattern is ...

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**Phase shifting interferometry in the presence of vibration- A new algorithm and system**

P WIZINOWICH - Applied Optics, 1990 - [aoot.osa.org](#)

... sys- tem.' 1 The observed interference pattern was ... incorrect phase shifts, nonlinear phase shifts, detection ... Heterodyne interferometer systems are, in addition ...

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**... laser to Doppler-broadened spectrum of iodine molecules utilizing an acousto-optic frequency shifter**

S Yokoyama, T Yokoyama, T Araki, T Hayashi, N ... - Measurement Science and Technology, 1998 - [iop.org](#)

... detected as an in-phase component of heterodyne beat signal ... of the phase change of the interference fringe ... frequency value (v) determined by the phase change is ...

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**A Deformable Mirror-Based Optical Beamforming System for Phased Array Antennas**

I INTRODUCTION - [ieeexplore.ieee.org](#)

... weight, lower loss, and immunity to interference. ... As a con- sequence, the heterodyne system described in ... Computerized Phase Control 5gnain Mirrored Frequency ...

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**New Variable Phase Shifter Array using Resonator with Graded Reflectivity Mirror for Smgle-Confrol**

...

BB Dingel, M Izutsu, I Introduction - [ieeexplore.ieee.org](#)

... 2 " ] . (8) This heterodyne module performs ... the multiple-reflection interference effect inside a ... Voltage-Controlled Optical Phase Shifter", J. Lightwave ...

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**Shearing heterodyne interferometry using acoustooptic light modulators.**